

A N N U A L R E P O R T .

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M E D I C A L O F F I C E R O F H E A L T H .

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R U R A L D I S T R I C T O F H O L Y W E L L .

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# HOLYWELL RURAL DISTRICT COUNCIL.

## MEDICAL OFFICER OF HEALTH'S REPORT.

To:

The Chairman and Members of the Holywell Rural District Council.

Gentlemen,

I present my Annual Report for the year ending December 31st, 1943.

Area in Acres 58,550

Population 21,590 (estimated middle of 1942) not for publication.

No. of inhabited houses 7,055.

Rateable Value £83,728.

Sum represented by ld. rate £323.

### VITAL STATISTICS.

| <u>Live Births.</u> | <u>Total.</u> | <u>M.</u> | <u>F.</u> |                             |
|---------------------|---------------|-----------|-----------|-----------------------------|
|                     | 348.          | 177.      | 171.      | Birth rate per 1,000        |
| Legitimate.         | 329.          | 167.      | 162.      | (estimated population) 16.1 |
| Illegitimate.       | 19.           | 10.       | 9.        |                             |

### STILL BIRTHS.

|               |     |     |     |                          |
|---------------|-----|-----|-----|--------------------------|
| Legitimate.   | 26. | 13. | 13. | Rate per 1,000 (live and |
| Illegitimate. | -   | -   | -   | still) births 17.3.      |

|                |      |      |      |                                                        |
|----------------|------|------|------|--------------------------------------------------------|
| <u>DEATHS.</u> | 276. | 153. | 123. | Death rate per 1,000<br>(Estimated population)<br>12.7 |
|----------------|------|------|------|--------------------------------------------------------|

|                              |    |  |                                           |
|------------------------------|----|--|-------------------------------------------|
|                              |    |  | Rate per 1000 total (live & still) births |
| Deaths from Puerperal sepsis | 1. |  | 2.67                                      |
| " " other " causes           | 1. |  | 2.67                                      |

### DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE.

|                                                         |               |
|---------------------------------------------------------|---------------|
|                                                         | <u>Total.</u> |
| Legitimate M.6. F.3. Illegitimate F.2.                  | 11.           |
| All infants per 1,000 live births.                      | 29.           |
| Legitimate infants per 1,000 legitimate live births.    | 27.           |
| Illegitimate infants per 1,000 illegitimate livebirths. | 105.          |
| Deaths from Cancer (all ages).                          | 11.71.        |
| Deaths from Measles (all ages).                         | Nil.          |
| Deaths from Whooping Cough, (all ages).                 | Nil.          |
| Deaths from Diarrhoea (under 2 years).                  | Nil.          |

### DEATHS (ALL CAUSES).

|                                           | <u>M.</u> | <u>F.</u> |
|-------------------------------------------|-----------|-----------|
| Cerebro Spinal Fever.                     | 1.        |           |
| Tuberculosis of the respiratory system.   | 10.       | 1.        |
| Other forms of Tuberculosis.              | 1.        | 1.        |
| Syphilitic diseases.                      | 1.        |           |
| Influenza.                                | 2.        | 3.        |
| Acute infantile encephalitis.             | 1.        |           |
| Cancer of the Buccal cavity & Oesophagus. | 4.        |           |
| Cancer of the uterus female.              |           | 4.        |
| Cancer of the stomach and duodenum.       | 6.        | 3.        |
| Cancer of the breast.                     |           | 2.        |
| Cancer of all other sites.                | 10.       | 8.        |
| Diabetes.                                 |           | 2.        |
| Intercranial Vascular Lesions.            | 13.       | 19.       |
| Heart Diseases.                           | 38.       | 25.       |
| Other diseases of the Circulatory System. | 4.        | 1.        |
| Bronchitis.                               | 9.        | 10.       |

|                                           | M.          | F.          |
|-------------------------------------------|-------------|-------------|
| Pneumonia.                                | 11.         | 9.          |
| Other respiratory diseases.               | 3.          | 1.          |
| Ulcer of stomach and duodenum.            | 3.          | 2.          |
| Appendicitis.                             | 1.          | 2.          |
| Other digestive diseases.                 | 2.          | 1.          |
| Nephritis.                                | 8.          | 4.          |
| Puerperal and post abortive sepsis.       | .           | 1.          |
| Other Maternal causes.                    | .           | 1.          |
| Premature birth.                          | 2.          | .           |
| Congenital Malformation and birth injury. | 1.          | 2.          |
| Road traffic accident.                    | 3.          | 1.          |
| Other violent causes.                     | 1.          | 1.          |
| All other causes.                         | 18.         | 19.         |
|                                           | <u>153.</u> | <u>123.</u> |

Total Deaths, 276.

#### SECTION B.

##### GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

##### PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

- (a) MEDICAL OFFICER OF HEALTH (part time)  
I. Philippine Nelis, L.R.C.P. & S.I., D.P.H.
- (b) SANITARY INSPECTORS (WHOLE TIME).  
R.D. Jones, C.R.S.I.  
Member of Institute of Municipal & County Engineers.  
A.O.Griffiths, C.R.S.I., M.S.I.A.  
Certified Inspector (Meat & Foods).  
D.O.M. Jones, C.R.S.I., M.S.I.A.

- (a) LABORATORY FACILITIES.

This is carried out by the Emergency Public Health Laboratory Service, Conway.

- (b) AMBULANCE FACILITIES..

There is no Ambulance. Hospital Ambulances are sent for serious cases to Liverpool and Chester.

- (c) NURSING IN THE HOME.

Voluntary organisations provide existing facilities.

- (d) TREATMENT CENTRES AND CLINICS.

Administered by the Flintshire County Council.

- (e) HOSPITAL.

There is no hospital in the area.

#### SECTION C.

##### SANITARY CIRCUMSTANCES OF THE AREA.

##### WATER SUPPLIES.

The following Companies supply water within the area:-

Brymbo Water Co.,

Hawarden and District Water Co.

Mold Gas and Water Co.

Birkenhead Corporation. (in bulk).

The Council have also supplies of their own and all supplies have been well maintained.

##### SEWERAGE AND SEWERAGE DISPOSAL WORKS.

All sewers and Disposal works have been well maintained.



### PUBLIC CLEANSING.

Scavenging of the whole district is undertaken by the Council. The work is carried out by means of Contracts and for this purpose the area is divided into 15 separate districts. Generally the work was carried out satisfactorily. Difficulties were experienced in some districts due chiefly to the lack of adequate and suitable labour.

### RIVER AND STREAMS.

No complaints were received.

### SHOPS INSPECTION.

All shops were inspected and the statutory provisions relating thereto enforced.

### CAMPING SITES.

Sites used for camping were on the whole, well maintained. Licences issued numbered 17. These sites are regularly inspected and no cause of complaint was noted.

### SMOKE ABATEMENT.

No complaints relating to smoke nuisances were received. There are a number of Factories in this district and the absence of complaints can be viewed with satisfaction.

### ERADICATION OF BED BUGS.

One complaint was received and investigated. Action was taken and no further complaint was received.

### SCHOOLS.

All schools are periodically visited and inspected, the water supply and sanitary arrangements being supervised.

### SECTION D.

A great deal of the department's time is taken up with the inspection of dwelling houses. Some difficulty is experienced in getting satisfactory repairs carried out to properties due to the fact that suitable materials and adequate labour are not available.

### SECTION E.

#### Inspection and Supervision of Food.

#### Milk Supply. Cowsheds and Dairies.

Cowsheds and Dairies are regularly inspected. Samples of the Milk produced are taken and the Analyst's results tend to show that generally, milk is produced in a satisfactory manner.

Some producers have given more trouble due probably to their lack of knowledge of the methods of obtaining clean milk. Advice has been given and close observation kept.

Structural alterations have been carried out to a number of cowsheds and Dairies relating chiefly to drainage and water supply.

|                                                                  | Cattle<br>Excluding<br>Cows. | Cows. | Sheep &<br>Lambs. | Pigs. | Calves. |
|------------------------------------------------------------------|------------------------------|-------|-------------------|-------|---------|
| Number inspected.                                                | 702.                         | 91.   | 13,960.           | 166.  | 334.    |
| All animals except<br>Tuberculosis whole<br>carcasses condemned. | 12.                          |       | 11.               |       | 6.      |
| Carcasses of which<br>some part or organ<br>was condemned.       | 244.                         |       | 208.              |       |         |
| Tuberculosis only.<br>Whole carcasses<br>condemned.              | 3.                           | 6.    |                   |       |         |
| Carcasses of which<br>some part or organ<br>was condemned.       | 106.                         |       | 8.                |       |         |

## SECTION F.

## PREVALENCE AND CONTROL OF INFECTIOUS DISEASES.

| Under Age Periods.      | 1. | 1. | 2.  | 3.  | 4.  | 5.  | 10. | 15. | 20. | 35. | 45. | 65. | Total. | Hospital. | Deaths. | Rate.          |
|-------------------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----------|---------|----------------|
| <b>DISEASES.</b>        |    |    |     |     |     |     |     |     |     |     |     |     |        |           |         |                |
| Scarlet Fever.          |    |    |     | 1.  |     | 11. | 5.  |     |     |     |     |     | 24.    | 14.       | -       | 1.11.          |
| Diphtheria.             | 1. | 1. |     |     | 4.  | 11. | 2.  |     | 5.  | 1.  | 1.  |     | 28.    | 19.       | -       | 1.29.          |
| Cerebro Spinal Fever.   |    |    |     |     |     |     | 1.  |     |     |     |     |     | 3.     | 3.        | 1.      | 0.13.          |
| Puerperal Pyrexia.      |    |    |     |     |     |     |     | 1.  | 2.  | 1.  |     |     | 3.     |           | 1.      | 8.02.          |
|                         |    |    |     |     |     |     |     |     |     |     |     |     |        |           |         | (live & still) |
| Infantile Encephalitis. |    | 1. |     |     |     |     |     |     |     |     |     |     | 1.     |           | 1.      | 0.04.          |
| Erysipelas.             |    |    |     |     |     |     |     |     |     | 2.  | 1.  |     | 3.     |           |         | 0.13.          |
| Pneumonia.              | 3. | 4. | 4.  | 2.  | 1.  |     |     | 2.  |     | 7.  | 11. | 11. | 45.    | 1.        | 20.     | 2.08.          |
| Dysentery.              |    |    |     |     |     |     |     |     |     |     |     |     | 2.     |           |         | 0.09.          |
| Measles.                | 2. | 7. | 19. | 14. | 30. | 71. | 5.  | 3.  |     |     |     |     | 151.   |           |         | 6.09.          |
| Whooping Cough.         | 1. | 4. | 4.  | 3.  | 3.  | 8.  |     |     |     |     |     |     | 23.    |           |         | 1.06.          |
|                         |    |    |     |     |     |     |     |     |     |     |     |     | 283.   | 37.       | 23.     |                |

Most of the cases of Diphtheria occurred in the latter part of the year, and it was noticeable that the only serious cases were older unimmunised people. The cases of Scarlet Fever were distributed during the 12 months and were of a mild form. There was an incident of Measles in the early part of the year. There was no deaths.

# IMMUNISATION.

|                                                                                                  | 1 - 5yrs. | 5 - 15yrs. | Total |
|--------------------------------------------------------------------------------------------------|-----------|------------|-------|
| Estimated child population ages 1 - 15yrs resident in Authority's Area Jan 1st - Dec 31st, 1943. | 2,200     | 3,800.     | 6,000 |

|                                                                | 1 - 5yrs. | 5 - 15yrs.         | Total |
|----------------------------------------------------------------|-----------|--------------------|-------|
| Estimated number of children immunised at December 31st, 1943. | 369.      | 2,390<br>Rate 4.59 | 2,759 |

|                                                                                   |    |            |
|-----------------------------------------------------------------------------------|----|------------|
| Number of cases of Diphtheria in children under 15 years of age notified in 1943. | 17 | Rate 2.83. |
|-----------------------------------------------------------------------------------|----|------------|

|                                                                                   |   |            |
|-----------------------------------------------------------------------------------|---|------------|
| Number of cases of Diphtheria in which the child is known to have been immunised. | 6 | Rate 2.17. |
|-----------------------------------------------------------------------------------|---|------------|

|                   |      |
|-------------------|------|
| Number of deaths. | Nil. |
|-------------------|------|

With regard to the 6 cases of diphtheria in which the child was known to have been immunised, these were mostly positive swabs, with hardly any clinical symptoms.

## TUBERCULOSIS.

| Ages.    | New Cases.        |                       |                   |                       | Deaths.           |                       |                   |                       |
|----------|-------------------|-----------------------|-------------------|-----------------------|-------------------|-----------------------|-------------------|-----------------------|
|          | Respiratory<br>M. | Non-Respiratory<br>F. | Respiratory<br>M. | Non-Respiratory<br>F. | Respiratory<br>M. | Non-Respiratory<br>F. | Respiratory<br>M. | Non-Respiratory<br>F. |
| 0.       | .                 | .                     | .                 | .                     | .                 | .                     | .                 | .                     |
| 1.       | .                 | .                     | 3.                | 1.                    | 1.                | .                     | .                 | .                     |
| 5.       | 1.                | 1.                    | .                 | 1.                    | 1.                | .                     | .                 | .                     |
| 15.      | 6.                | 4.                    | .                 | 1.                    | 1.                | .                     | .                 | .                     |
| 25.      | 4.                | 6.                    | .                 | .                     | .                 | .                     | .                 | .                     |
| 35.      | 4.                | .                     | .                 | 1.                    | 1.                | 1.                    | .                 | 1.                    |
| 45.      | .                 | .                     | .                 | 1.                    | 1.                | .                     | .                 | .                     |
| 55.      | 3.                | .                     | 1.                | .                     | 4.                | .                     | 1.                | .                     |
| 65.      | 2.                | .                     | .                 | 1.                    | 2.                | .                     | .                 | .                     |
| Upwards. | 20.               | 11.                   | 4.                | 6.                    | 10.               | 1.                    | 1.                | 1.                    |

Rate 1.89.

Rate. 0.60.

## OPHTHALMIA NEONATORUM.

No cases were notified.

## PREVENTION OF BLINDNESS.

This is administered by the County Council.

(signed) I. PHILLIPINE NELIS.

Medical Officer of Health.

HOLYWELL RURAL DISTRICT COUNCIL.

The Manse,  
Mold.

August 10th, 1944.